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Date: July 8, 2002

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**Art Unit 3653**  
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**GROUP 3600**

**PATENT APPLICATION**  
Attorney Docket No. D/98093

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Thomas ZellSignature Thomas Zell

Application of: Hogg et al.  
Serial No.: 09/033,222  
Filed: 3/2/98

Art Unit: 3653  
Examiner: J. Shapiro

**Title: DISTRIBUTED CONTROL SYSTEM WITH GLOBAL CONSTRAINTS FOR CONTROLLING  
OBJECT MOTION WITH SMART MATTER**

Please acknowledge receipt of the papers identified below:

Amendment after final under 37 CFR 1.116

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Attorney Docket No. D/98093**CERTIFICATE OF TRANSMISSION**

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Application of: Hogg et al.

Appl. No.: 09/033,222

Filed: March 2, 1998

Art Unit: 3653

Examiner: J. Shapiro

JUL 02 2002

**GROUP 3600**

**Title: DISTRIBUTED CONTROL SYSTEM WITH GLOBAL CONSTRAINTS  
FOR CONTROLLING OBJECT MOTION WITH SMART MATTER**

Commissioner for Patents  
BOX AF  
Washington, D.C. 20231

**AMENDMENT UNDER 37 C.F.R. 1.116**

Sir:

In response to the FINAL Office Action of May 17, 2002, please amend the above-identified application as follows (An Appendix submitted herewith sets forth a marked up version of any prior pending paragraphs(s) and/or claim(s) with additions shown with underlining (e.g., new text) and deletions shown with a strikethrough (e.g.,